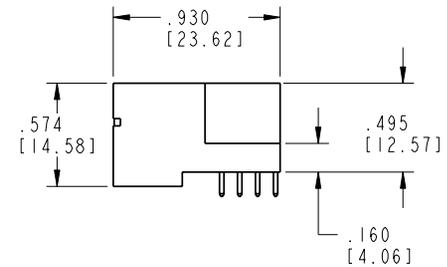
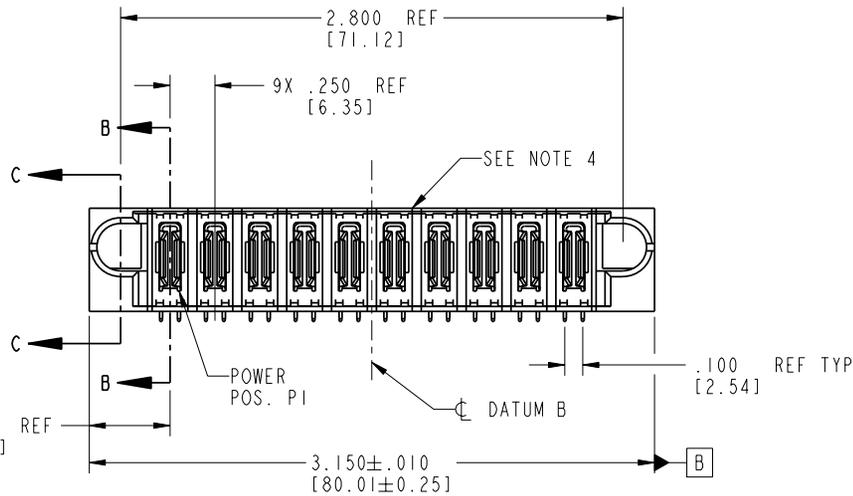
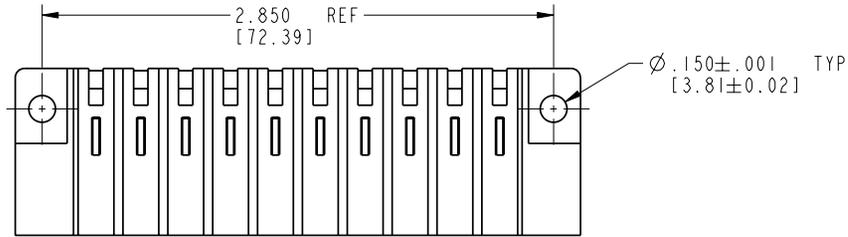
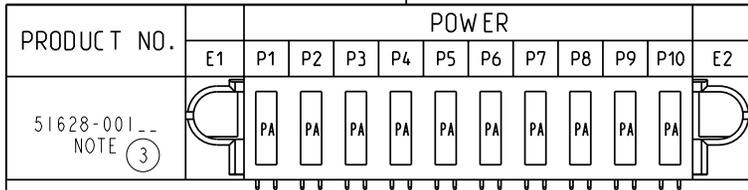


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER

mat'l code				tolerances unless otherwise specified		CUSTOMER	
SEE NOTE 2						FCI	
lir	ecn no.	dr	date	linear	COPY		
A	V90695	CHB	03-15-99	.XX±.01/0.X±0.3	www.fciconnect.com		
B	V11177	CGD	04-10-01	.XXX±.005/0.XX±0.13	projection		
C	V12541	DAI	12-05-01	.XXX±.0020/0.XXX±0.051	INCH/MM		
D	DG06-0156	RYAN	04/07/06	angles	scale		
				dr	C.RAROT	03-15-99	1:1
				enrg	J.BROWN	03-15-99	
				chr	J.BROWN	03-15-99	
				appd	J.BROWN	03-15-99	
sheet index	revision sheet	D	D	D	D		
	1 2	1	2	3	4		

CUSTOMER		FCI	
COPY		www.fciconnect.com	
projection	title		
	10P		
	RIGHT ANGLE SOLDER HEADER		
INCH/MM	product family	PwrBlade	code
scale	size	dwg no	213
1:1	A	51628	sheet 1 of 4

cage code 22526

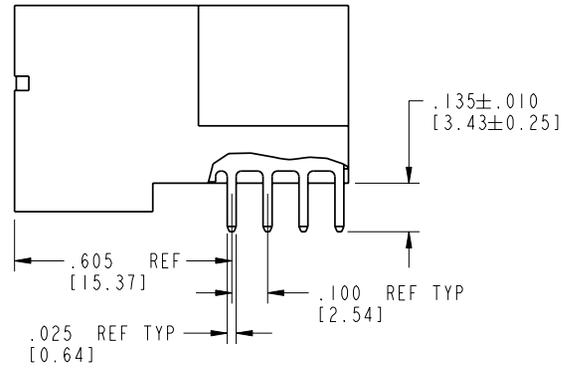
Pro/E

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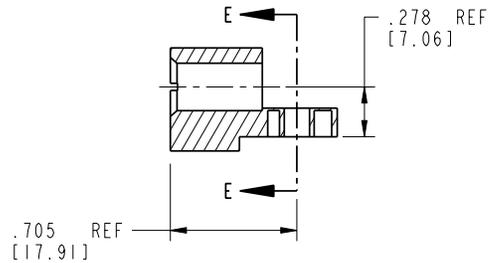


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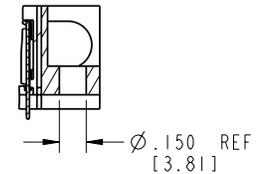
PRODUCT NUMBER
51628-001--
NOTE (3)



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				linear	.XXX±.005/0.XX±0.13	projection		title 10P	
				linear	.XXX±.002/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°	scale 1:1		product family PwrBlade code	
				dr	C.RAROT 03-15-99	A		size 213	
				enrg	J.BROWN 03-15-99	51628		sheet 2 of 4	
				chr	J.BROWN 03-15-99				
				appd	J.BROWN 03-15-99				
sheet index		revision sheet							

cage code 22526

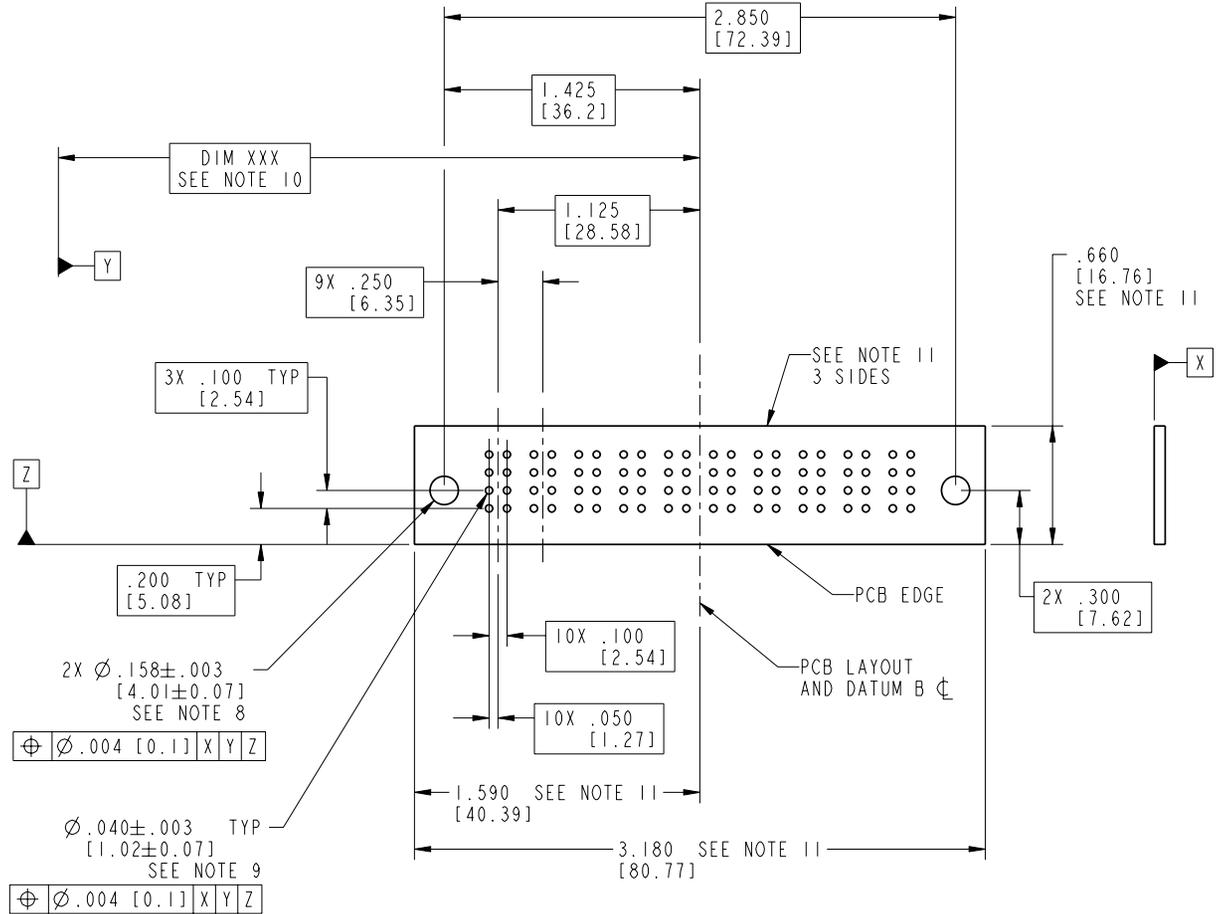
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PRODUCT NUMBER
51628-001--
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	www.fciconnect.com		
D					.XXX±.005/0.XX±0.13	projection	title 10P		
				angles	.XXX±.002/0.XXX±0.051		RIGHT ANGLE SOLDER HEADER		
				dr	C.RAROT 03-15-99	INCH/MM	product family	PwrBlade	code
				enrg	J.BROWN 03-15-99	scale	size	dwg no	213
				chr	J.BROWN 03-15-99	1:1	A	51628	sheet
				appd	J.BROWN 03-15-99				3 of 4
sheet index	revision sheet								

cage code 22526

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PRODUCT NUMBER
51628-001__
NOTE ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- ② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
- ③ PLATING:
SEE PRINT 10064183 FOR PLATING SPEC OF 51628-001; 51628-001LF
- ④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

- ⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- ⑨ $\varnothing .0453 \pm .0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 \pm .07] HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com				
D				linear	.XXX±.005/0.XX±0.13	projection	title 10P					
				angles	.XXX±.002/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER				
				dr	C.RAROT 03-15-99	INCH/MM	product family	PwrBlade	code 213			
				enrg	J.BROWN 03-15-99		size	dwg no	sheet			
				chr	J.BROWN 03-15-99		scale	51628	4 of 4			
				appd	J.BROWN 03-15-99	1:1	A					
sheet index		revision sheet										

cage code 22526

Pro/E

Mouser Electronics

Authorized Distributor

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[51628-001LF](#)